

# **Delta Mercury Exposure Reduction Program (MERP)**

**COMMUNITY  
STAKEHOLDER MEETING  
February 19<sup>th</sup>, 2019**

# Delta Conservancy Updates

- Program Sustainability
  - ✓ Collaboration and coordination with agencies and programs
  - ✓ Integrating MERP messages into existing programs
  - ✓ Leverage resources



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# Delta Conservancy Updates

- Collaboration and Outreach Efforts
  - ✓ Coordination with State Agencies
  - ✓ Outreach to Local Programs
- Program Effectiveness



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# Office of Environmental Health Hazard Assessment

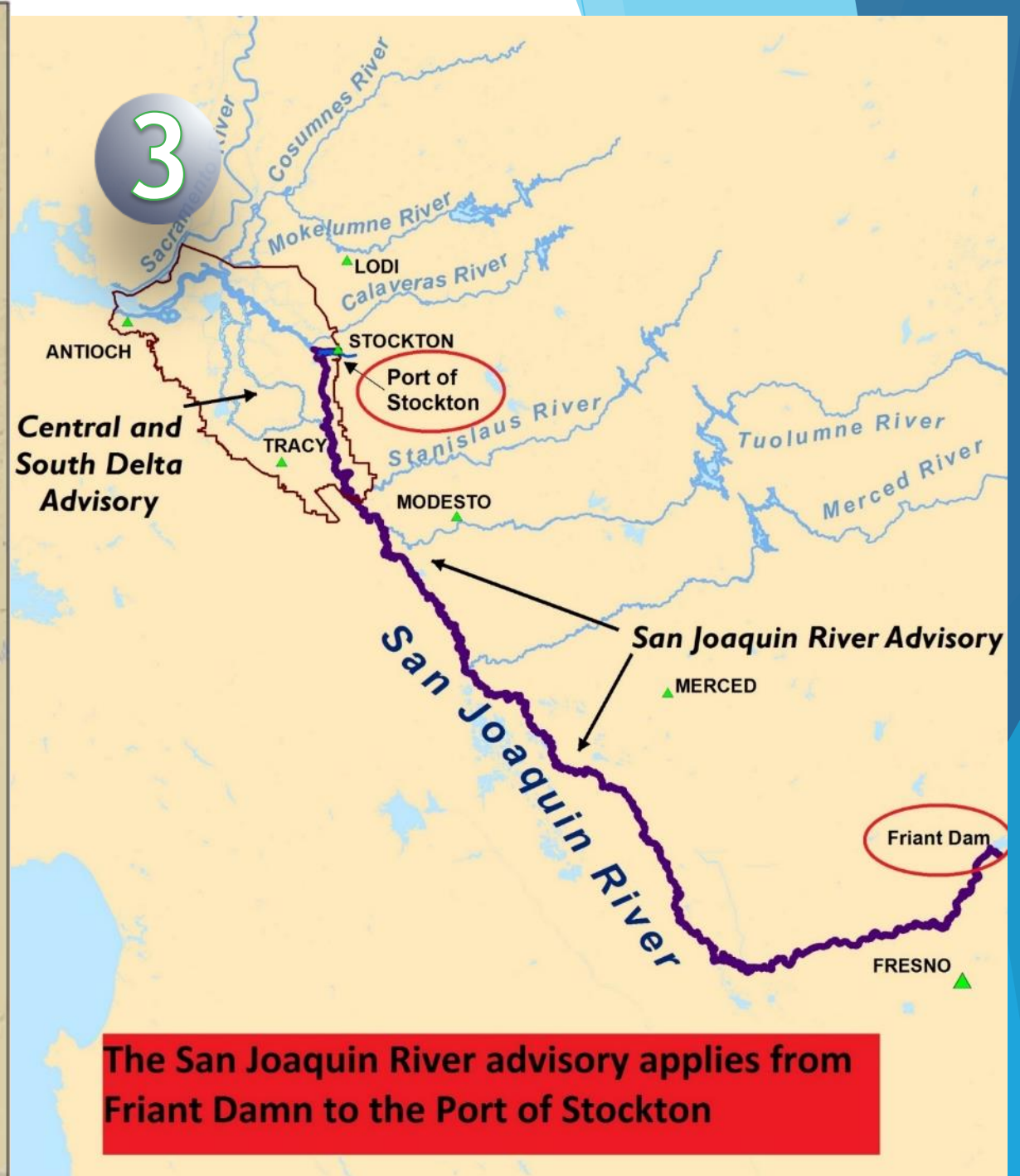
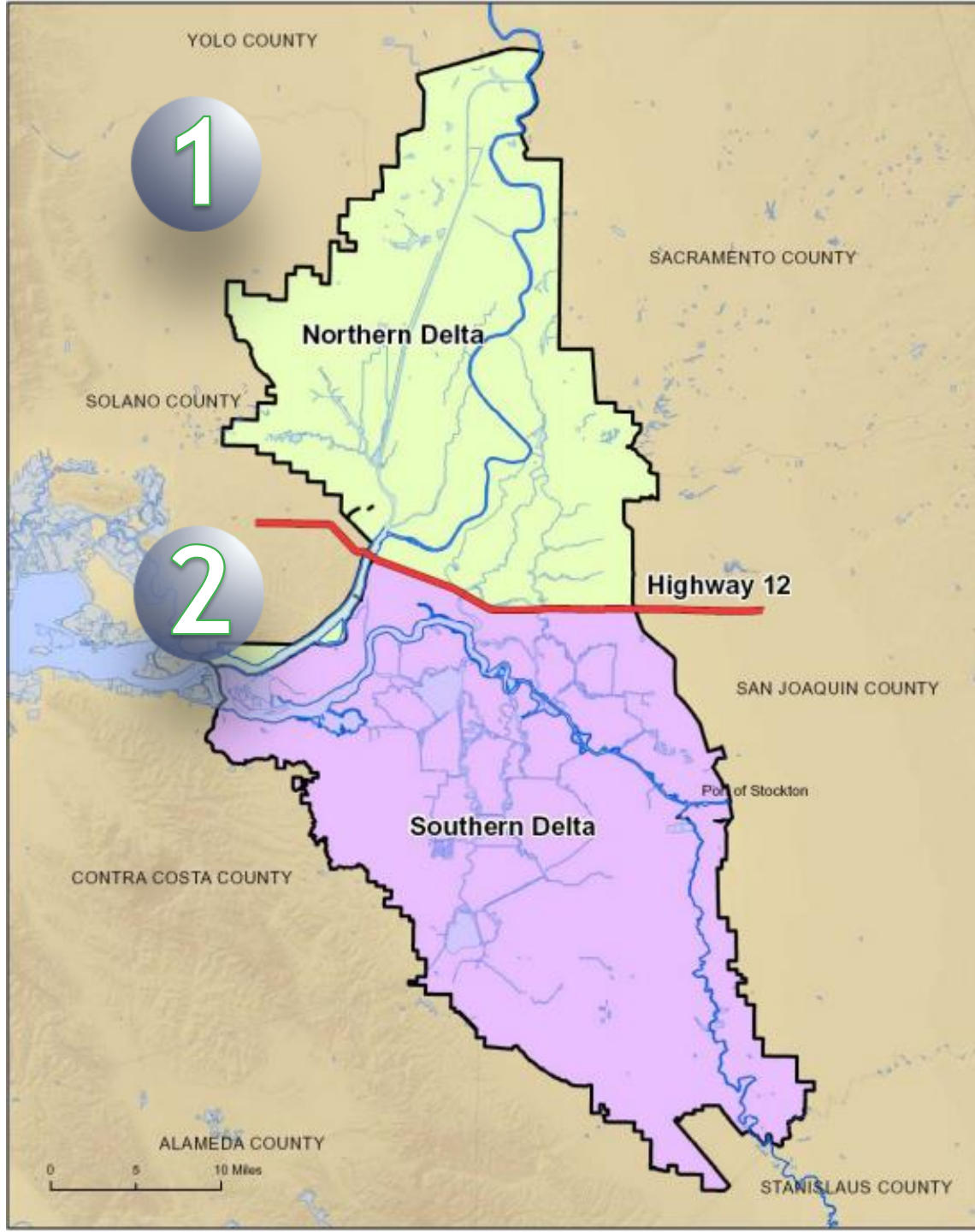
Shannon Murphy, Ph.D.



# Delta MERP Fish Consumption Advisory Sign Posting

Focus on three Advisories  
developed by OEHHA:

1. Sacramento/North Delta
2. Central/S. Delta
3. San Joaquin River





# The Three Fish Consumption Advisory Signs




**Eat Fish Safely** Central and Southern Delta

 <b>Eat More</b>	 <b>Eat Less</b>	 <b>Do NOT Eat</b>
<p>↑ Women 18–45 Children 1–17</p> <p>2 servings a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p>1 serving a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p><b>Do NOT Eat</b></p>
<p>↑ Men age 18+ Women age 46+</p> <p>5 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>2 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>Striped bass — 2 servings a week OR Sturgeon — 1 serving</p>
 Crayfish  Bluegill or other sunfish  American shad  Catfish  Asiatic clam  Steelhead trout	 Bass  Sucker  Crappie  Carp	  Striped bass  White sturgeon

Some fish have high levels of mercury which can harm the brain, especially in unborn babies and children.

Learn more at [www.oehha.ca.gov/fish](http://www.oehha.ca.gov/fish)

**Eat Fish Safely** Sacramento River and Northern Delta

 <b>Eat More</b>	 <b>Eat Less</b>	 <b>Do NOT Eat</b>
<p>↑ Women 18–45 Children 1–17</p> <p>2 servings a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p>1 serving a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p><b>Do NOT Eat</b></p>
<p>↑ Men age 18+ Women age 46+</p> <p>7 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>3 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>1 serving a week OR Striped bass — 2 servings a week</p>
 Rainbow trout  American shad  Chinook (king) salmon  Steelhead trout  Asiatic clam	 Carp  Crappie  Catfish  Sucker  Hardhead  Bluegill or other sunfish	  Bass  Striped bass  Pikeminnow  White sturgeon

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**Eat Fish Safely** San Joaquin River

 <b>Eat More</b>	 <b>Eat Less</b>	 <b>Do NOT Eat</b>
<p>↑ Women 18–45 Children 1–17</p> <p>2 servings a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p>1 serving a week</p>	<p>↑ Women 18–45 Children 1–17</p> <p><b>Do NOT Eat</b></p>
<p>↑ Men age 18+ Women age 46+</p> <p>5 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>2 servings a week</p>	<p>↑ Men age 18+ Women age 46+</p> <p>1 serving a week OR Striped bass — 2 servings a week</p>
 Bluegill or other sunfish  Steelhead trout  American shad	 Carp  Catfish  Sucker	  Bass  Striped bass  White sturgeon

Some fish have high levels of mercury which can harm the brain, especially in unborn babies and children.

Learn more at [www.oehha.ca.gov/fish](http://www.oehha.ca.gov/fish)

# Delta MERP Fish Consumption Advisory Sign Posting

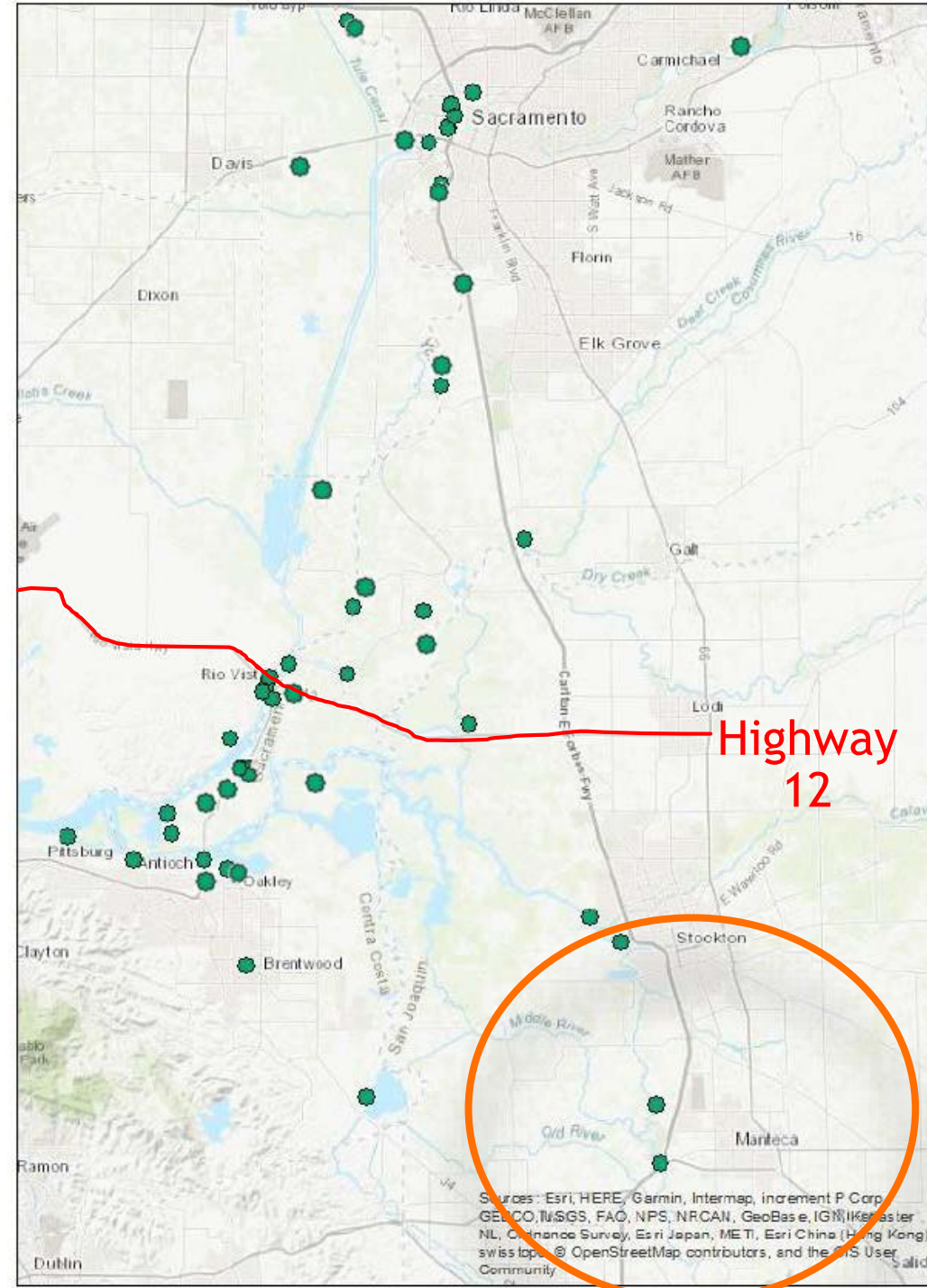
1. Stakeholder Recommended 100 Sites
2. Coordinating with multiple community groups to determine viable sites
3. Ensure posting the correct advisory
4. Recording and Tracking



# Map of Posted Sites

50 Locations Posted:

- 28 Sac./N. Delta
- 19 Central/S. Delta
- 3 San Joaquin River



# Determining Viable Sites for Posting

## Sites Must Have:

- Public fishing access
- Accessibility by anglers
- Visibility

*Note: Delta MERP's goal is to post additional sites in Central/S. Delta and San Joaquin River in 2019*

# Recording and Tracking:

- GPS Coordinates
- Pictures of Signs posted
- Site Contact Information
- Field Notes







# The Sierra Fund

## Alex Keeble-Toll

- *Angler Survey*
- *Proposed Legislation for Posting Fish Consumption Advisories*



# Next Steps

- **Program Effectiveness**
  - ✓ Evaluation and Survey of MERP Messages
  - ✓ Survey of Posted Advisories
  - ✓ Effective Community Outreach



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# Delta MERP Low Literacy Infographic

## **Feedback from Community Participants:**

- Suggestions/Recommendations
- MERP Messages Conveyed
- Effectiveness

# Delta MERP Order Forms

Please fill out an order form if  
are in need of any materials  
(Online forms are available)

# Questions or Comments

# *Thank You!*

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